volzElektro 11597



volzElektro 11597 is manufactured from PET Film / staggered mesh glass filament film coated acrylic adhesive. With high adhesion and breaking strength. Especially suited for heavy duty air and oil filed transfer applications, Reinforcements, holding and separating ground insulation. Excellent heat resistance up to 155°C. Its flexible fibres provide a very good longitudinal and transverse tensile strength including resistance against tearing and breaking when bent.

Nominal Values

Backing	PET Film, Glass Filament
Backing Thickness	0,110 mm
Adhesive Type	Acrylic
Total Thickness	0,180 mm
Insulation Class	F 155°C (DIN EN 60085, OANZ2 & OANZ8)
Color	Clear (00)
Adhesion to Steel	9,80 N/25 mm
Tensile Strength	980,00 N/25 mm
Elongation at Break	12%
Dielectric Strength	6500 V
Temperature Resistance	-20°C to +155°C
UL-File #	E338128
Length	55 m, other lengths upon request
Width	6 mm, 9 mm, 12 mm, 15 mm, 19 mm, 25 mm, 30 mm, 38 mm, 50 mm, 975 mm, other widths upon request
Storage Life	The material can be stored at room temperature for at least 12 months.
Effective	11 February 2021

We provide the technical data of our products to the best of our knowledge, but without obligation. Due to the wide range of material and environmental influences, we recommend a suitability test on original products prior to use. Please also note the standard processing guidelines for adhesive tapes, which we will gladly send you upon request.

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Applications

- Suited for heavy duty air and oil filled transfer applications
- Reinforcements, holding and separating ground insulation
- Slot edging
- Bundling motor and transformer coils

Benefits

- High Adhesion and Tear Strength
- Holding and separating ground insulation
- Excellent Heat Resistance up to 155°C
- Good Oil Resistance

Storage Conditions

The Rolls should be stored in their packaging protected from light and at a temperature between 15°C to 24°C, with a relative humidity of 50% +/- 30%. When using an adhesive tape stored below 15°C, it is advisable to keep the tape at room temperature for 24 hours to preserve its characteristics.

Print Date: 10.11.2026

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